

IN THE U.S. PATENT AND TRADEMARK OFFICE  
Patent Application Transmittal Letter

Mail Stop Patent Application  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

15535 U.S. PTO  
10/743662



Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is a(n): ☒ Utility ( ) Design

☒ original patent application,  
( ) continuation-in-part application

INVENTOR(S): Kenneth Smith et al.

TITLE: MRAM WITH CONTROLLER

Enclosed are:

- ☒ The Declaration and Power of Attorney. ☒ signed ( ) unsigned or partially signed  
☒ 5 sheets of drawings (one set) ( ) Associate Power of Attorney  
( ) Form PTO-1449 ( ☒ ) Information Disclosure Statement and Form PTO-1449  
( ) Priority document(s) ☒ (Other) 3 return postcards (fee \$ )

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	23 — 20	3	X \$18	\$ 54
INDEPENDENT CLAIMS	4 — 3	1	X \$86	\$ 86
ANY MULTIPLE DEPENDENT CLAIMS	0		\$290	\$ 0
BASIC FEE: Design ( \$340.00 ); Utility ( \$770.00 )				\$ 770
TOTAL FILING FEE				\$ 910
OTHER FEES				\$
TOTAL CHARGES TO DEPOSIT ACCOUNT				\$ 910

Charge \$ 910 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

"Express Mail" label no. ER314293599US

Date of Deposit Dec. 22, 2003

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By Denyse Dauphinais  
Typed Name: Denyse Dauphinais

Respectfully submitted,

Kenneth Smith et al.

By

Christopher P. Kosh

Attorney/Agent for Applicant(s)  
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Date: Dec. 22, 2003

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